

**UTILITIES ADMINISTRATION** serves the entire plant with comfort, convenience and the necessities functional to every job. In the far left is an air compressor. Compressed air, clean and very dry, is used in quantity for such purposes as breathing apparatus, for instrument systems and many controls throughout the plant.

The center photograph shows the Compressed Gas Cylinder filling system, highly automated, providing hundreds of compressed gas cylinders used by Y-12, ORNL and ORGDP. This system provides high pressure gases, such as helium, argon, and nitrogen, in cylinders and tube trailers, but yet incorporating the latest

methods and procedures of safety for plant personnel protection. At right, E. B. Cox, service operator, is shown at the control cubicle of one of the many such refrigeration systems that exist in the plant. Between 25,000 and 30,000 tons of refrigeration are utilized for various systems within the plant.

## Carbide Sets Plans In South America

Union Carbide Corporation will join Instituto Venezolano de Petroquímica (IVP) to form a company to build a plant in Venezuela. The purpose of the plant will be to produce 50,000-tons-per-year (100 million pounds) of integrated ethylene and polyethylene, at a cost of more than \$30 million, according to an announcement from Birny Mason Jr., president. The plant is expected to be producing in 1967.

IVP is an official agency of the Venezuelan government, and has among its functions the encouragement of petrochemical development within the country. Its general-manager is Dr. Antonio Ledesma Lanz.

The new company, to be called Unicar Petroquímica, C. A., will be partially financed by selling shares of common capital stock and by borrowing from international or local development banks and lending agencies. "This method of financing has been employed to achieve three goals: Venezuelan participation in the company's ownership, construction of the complex with minimum adverse effects on the U.S. balance of payments, and a substantial contribution to the success of the Alliance for Progress," Mason said.

A team of Union Carbide specialists composed of construction and plant operating engineers, purchasing managers, and plant site experts, working with IVP personnel, gathered in Venezuela. Combining this information with accumulated data in the United States and with a marketing survey in the principal Latin American countries, a complete technical and economic study for the project was assembled.

It is expected that the Latin American market for low and medium density polyethylene will consume most of the proposed plant's capacity. The market for the plastic in Latin America is similar to that in the United States. Resins for film extrusion represent the largest share of the market, followed by molding, and then about equal shares in wire and cable and extrusion coating.

## Bob Wilder Graduates In Statistics At UT

Proud Wife And Son Attend Graduation



Robert G. Wilder

Of the 899 students receiving degrees June 6 at the University of Tennessee . . . none was happier than Y-12's Bob Wilder! Bob, Statistical Services, took his degree in statistics after arduous years at the midnight oil.

He first came to Y-12 October 25, 1954 . . . after having attended the Draughton's Business College, Ft. Smith, Arkansas; the University of Arkansas, and Ft. Smith Junior College . . . all briefly.

An army veteran, serving from 1951-53, Bob also worked in the Bureau of Naval Personnel, Washington, D.C., and the KWHN Broadcasting Company, Ft. Smith before reporting here.

On May 26, 1956 Bob married Miss Jean Flynt, in Lakeville, Kentucky. Jean was on hand, naturally, for the graduation . . . along with son Stephen, their only child.

While at UT Bob had time to join Phi Kappa Phi and Beta Gamma Sigma.

The Wilders live at 310 Vermont Avenue, Oak Ridge, but are contemplating a move to Knoxville soon. Bob plans to enter graduate school at UT in September and wants to be closer to the campus!

## Utilities Provides Services For Most Y-12's Comforts, Needs And Conveniences

The Utilities Administration Department operates on a 24-hour-per-day basis, every day in the year. It is a service group functioning to provide for every employee in Y-12, and some in ORNL and ORGDP, those services such as water, steam, air, refrigeration, compressed gases, etc., that are necessary for each employee to function in his job. This department is a part of the Shift Superintendents Division, headed by D. H. Rader, Jr. The Division also includes the Plant Shift Superintendents (covered in a story July 22, 1964, Y-12 Bulletin) and the Plant Protection and Fire Prevention Department.

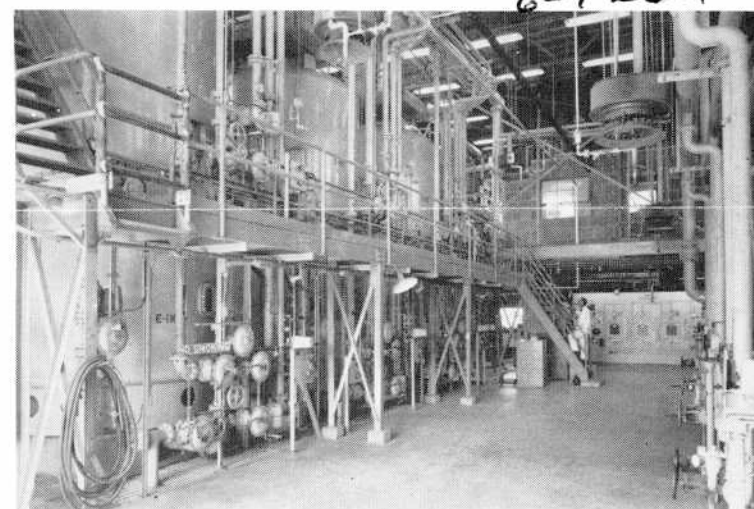
### Two-Group Division

The Utilities Department headquarters is located in Building 9706-2 under the helm of Oscar Blackwell. Due to the complexities of the operations involved, the department consists of two areas: the East Area Utilities, under the direction of N. J. Tronolone, and the West Area Utilities and Steam Plant, under the direction of T. C. Wilson. Reporting to these Area Supervisors are the shift Utility Foremen, who direct the duties of the many service operators. During the absence of the Area Supervisors, the foremen report to the Plant Shift Superintendents Office. They are also a part of the Emergency Squad and, along with some of the service operators, answer calls of an emergency or routine basis.

There are many vital and necessary "taken-for-granted" utilities services supplied by the Utilities Administration Department, in addition to those pictured. Distribution systems (water, natural gas, hydrogen, argon, helium, oxygen, nitrogen, vacuum, oil, steam, air, etc.) are maintained and operated by this department. General building heating, cooling and ventilation systems, humidity controlled areas, cooling towers and associated heat exchangers, are all another portion of the complexity of Utilities.

### All Personnel In Touch

Problems associated with any part of Utilities may be directed to either two telephones, exten-



B. L. FAIN, SERVICE OPERATOR, is seen inspecting the demineralized water facilities in Building 9404-14. Ultra-high pure water is another of the utility services provided.



**A VERY VITAL SERVICE PROVIDED BY UTILITIES** is that involving the many types of cryogenic fluids used throughout the plant. Here, E. S. Smith, service operator, is filling liquid nitrogen containers which are used in the various labs and other processes. Other cryogenic materials such as liquid argon, gaseous helium and gaseous oxygen are available from the Utilities Department systems.

sions 3-7301 in Building 9706-2, or 3-5351 in Building 9401-3. Should the Utility Foreman not be at these locations, keep ringing, as someone is always in attendance at these phones. From the Area Supervisor to the service operator, practically everyone can be contacted by portable radio or by



# The Bulletin East Tennessee Provides Ideal 'Vacation-At-Home' Sites

Published Weekly For The  
Y-12 Employees Of  
UNION CARBIDE  
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG ..... Editor

Member



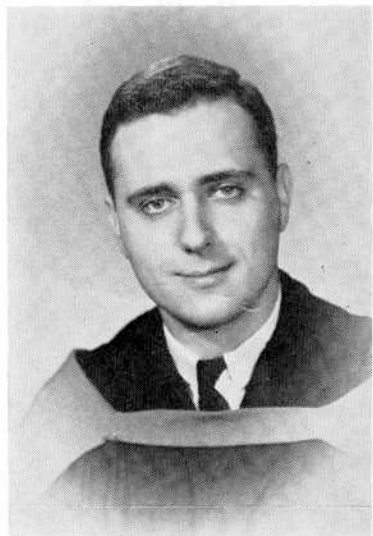
Appalachian  
Industrial  
Editors'  
Association

OFFICE

Post Office Box Y  
Oak Ridge, Tenn. 37831  
Bldg. 9704-2 Room 137  
Telephone 3-7100

## Foster Son Takes MD Degree In Canada

Plans Internship  
In San Francisco



Bernard B. Foster Jr.

The old question "Is there a doctor in the house?" recently got an affirmative answer in the B. B. Foster home. Son Bernard B. Foster Jr., on May 28, took from the Faculty of Medicine of McGill University, Montreal, Quebec, his MD degree. (The Fosters live at 119 East Newkirk Lane, Oak Ridge, and the senior Foster is in Y-12's Buildings, Grounds and Maintenance Shops.)

Young Foster attended pre-medical school at Duke University. While there he was president of Pi Kappa Alpha fraternity, senior senator in the Student Government Association, and was selected for Who's Who in American Colleges and Universities. He graduated from Duke in 1961 with a BA degree.

At McGill, Foster has served as president and vice president of his class. He graduated with High Standing in his class (second in psychiatry and third in pediatrics).

Dr. Foster is married to the former Rachel Jinks, daughter of Mr. and Mrs. Albert Jinks, 114 Latimer Road, Oak Ridge. Her father is in Y-12's Dispatching Department. She has taught high school in Montreal for the past four years.

Following a short stay in Oak Ridge visiting both parents, the Fosters will travel to San Francisco where he will spend the next year in a rotating internship at San Francisco General Hospital, University of California Service.

### TWO TO ONE

"Nature has given to men one tongue, but two ears, that we may hear from others twice as much as we speak." Epictetus.

Vacationing at home this year? May Y-12ers, remembering the crowded highways, the long drives, and the expenses involved just stay at home and relax during their well-earned vacations. With the mountains and lakes of East Tennessee luring us outdoors, a stay-at-home vacation can be as rewarding, or more so, than a lot of others.

For the "history bugs" of the area, there are countless adventures . . . many just moments away from home. In Oak Ridge, there's the American Museum of Atomic Energy, the only museum of its type in the world! A visit to the Museum will be of interest to both adults and students of all ages. (You'd be surprised at the number of local residents who have not seen this free attraction!) Nuclear energy is described in lay language, so that we can all understand it. Its application in medicine, industry, research and agriculture is dramatically depicted.

Persons participating in the tour see a film about nuclear energy, view demonstrations, operate 'do-it-yourself' exhibits, and have an opportunity to receive answers to their questions about atomic energy. The films, graphic displays, models and animated exhibits are all part of a tour designed to give up-to-date information about the field of atomic energy. Free literature is available at the desk.

### Open Most All Time

The Museum is open daily Monday through Friday from 9 a.m. until 5 p.m. The same hours are observed on Saturdays, and Sunday hours are from 12:30 p.m. until 6:30 p.m. (Thanksgiving, Christmas and New Year's Days are the only days of the year the Museum is closed!)

Operated for the United States Atomic Energy Commission by the Oak Ridge Institute of Nuclear Studies, the Museum is considered one of the outstanding free attractions in the Southern United States.

At least 90 minutes should be allotted the tour of the Museum.

### Historical Spots Nearby

Historical spots abound in this area. West of Oak Ridge, near the K-25 Plant, for instance, is the site of Wheat Academy, a college that existed years before Oak Ridge. A monument marks its location. Nearby is the Wheat Cumberland Presbyterian Church,

where pioneer East Tennesseans worshipped, held their 'pie suppers,' married, and buried their dead.

Beyond Wartburg, a little more than an hour's drive from Oak Ridge, is Rugby . . . a ghost town now. Built for the 'second sons' of English families the experiment flourished and failed in the early part of the 19th century. The old Anglican Church, many of the homes, long-grown-up polo fields, are there for your inspection.

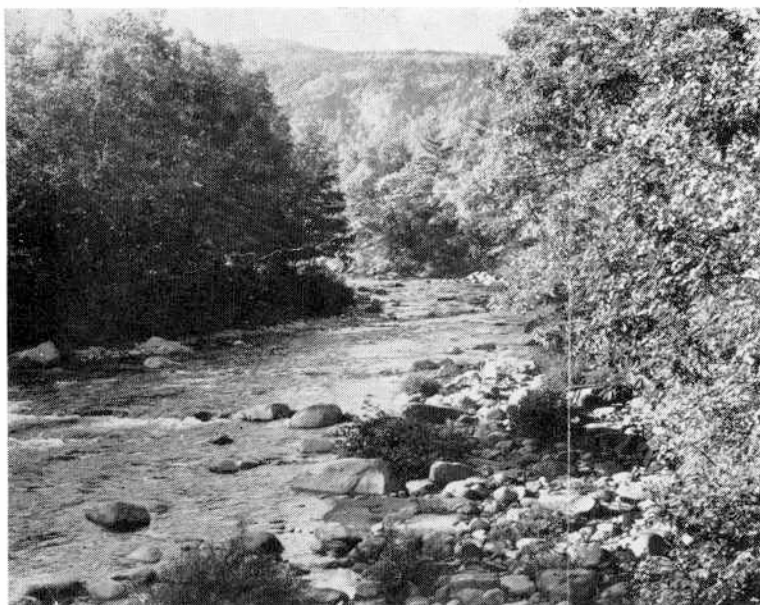
### Walden's Ridge Close

The nearby Cumberlands offer flora and fauna for the most avid nature-lover. Closer than the more spectacular Smokies, they offer hikes, camping spots, or just plain "views" unexcelled in any area. Historic Walden's Ridge skirts the outer limits of Oak Ridge. (It was over these trails that East Tennesseans flocked northward during the Civil War. With Union sympathy prevalent in this area, young and old alike took to the hills to escape Confederate drafts.)

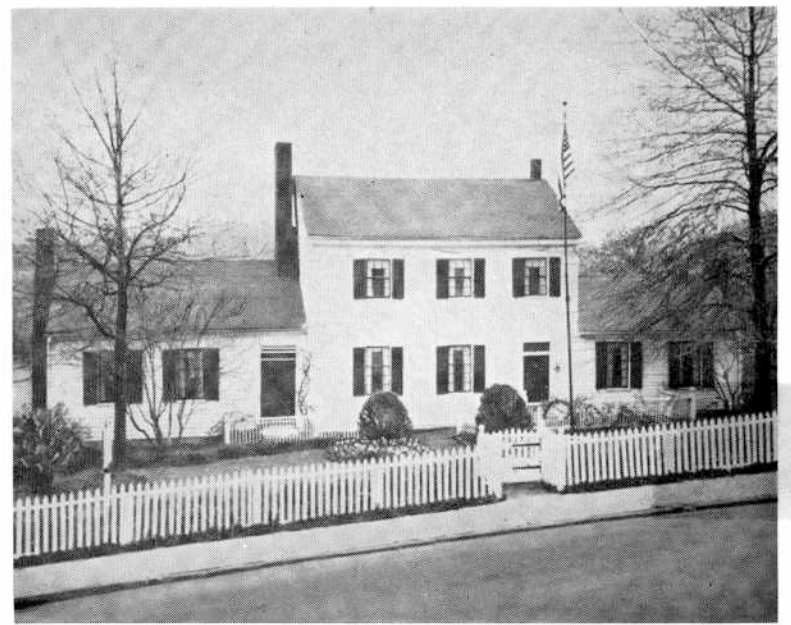
Only 35 miles south of Knoxville on U.S. Highway 411 is fabled Fort Loudoun. Built in 1756-57, Fort Loudoun was Great Britain's southwestern outpost in the French and Indian War. This fort was the first important structure built by the English west of the Allegheny Mountains. Built in the heart of the Cherokee Indian Country, Loudoun was located only five miles from Chota, Indian capital. A stone's throw away from the fort was the town of Tuskegee, where Sequoyah, inventor of the Cherokee alphabet, was born and grew to manhood. (The Fort Loudoun Association was formed in 1933 for the purpose of restoring and maintaining the fort as a memorial to the men who formed the garrison. Portions of the palisade wall have been built and some of the earthwork restored. Foundations of original fireplaces are protected by modern stone work. Extensive research is being carried on to determine the exact size and nature of buildings within the fort.)

### Sam Houston School

Near Maryville, stands the original building where Sam Houston once taught . . . the oldest school in Tennessee. The log structure, built in 1794, housed students during the War of 1812, taught by Houston himself . . . one of the many legends of history.



**HOW ABOUT WETTING** your barefeet in this cool stream? There are dozens of creeks and plunging streams abounding in the territory that make vacationing at home a pleasant and exhilarating experience.



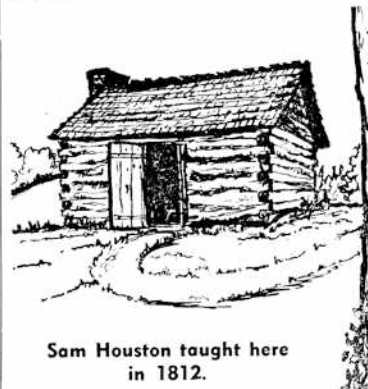
**THE FIRST FRAME HOUSE** built west of the Alleghenies is the Blount Mansion, located in downtown Knoxville. The Blount Mansion, restored with its original furnishings, is one of the many local sites of interest within an hour's drive from home.

In Knoxville, there are enough shrines from history to keep you busy for a week, at least. There is the Blount Mansion, built in 1792 . . . at State Street and Hill Avenue. Here lived Willie Blount, another of the giants from Tennessee history, who served as governor for the territory before the state was formed. The mansion is equipped with furniture of that period, and the formal gardens leading down to the lake are something to behold.

### Old Knox Residences

At 3418 Kingston Pike, there is Bleak House, which is now the Confederate Memorial Hall. On Thorngrove Pike, near Knoxville, is the Ramsey House, building in 1797.

On campus at the University is the McClung Museum, open to the public free. The famous Dulin Gallery of Art, at 3100 Kingston Pike, was designed by the renowned architect John Russell Pope.



Sam Houston taught here in 1812.

Just beyond Newfound Gap is the famed Cherokee Reservation. During the summer you can still see "Unto These Hills," the world-famous outdoor drama depicting the tragedy of the Cherokee nation.

### Lakes Easily Reached

Just any one of the attractions mentioned can consume a day of that vacation. Then you can save a day to dip your bare feet in an ice-cold mountain stream . . . or wet a hook in Melton Hill Lake, minutes from here. (You can launch your own boat at the Union Carbide Recreation Area, about four miles from Y-12! You can take the family over there for a picnic, barbecue, cook-out, or whatever.)

As the summer months roll on, Y-12ers should have no problem finding plenty to do on a lazy man's vacation-at-home.

Sure, there's the house to paint, and the 'little lady' needs some help on her housecleaning. But save a day or two for just relaxing. Take in the beauties that East Tennessee has to offer. (The



million dollar tourist area is yours for next to nothing! The next time you are in the Smokies, look at the 'furrin' license plates parked in the parking lots. Think of the money these vacationers are spending on what is yours for free!

### How About Camping?

Take the kids camping on an overnight trip. (But make sure you have the proper equipment to keep dry and comfortable in case of rain.)

Fishing hasn't been mentioned here at all. Folks all know that this area is a fisherman's paradise.

So, in planning a vacation this summer . . . consider a relaxing week around home to see the sights we often overlook. (And if one of the kids comes back that there isn't anything to do around here, you have our permission to swat him once!)

## Kelley Will Conduct Thernuclear Seminar

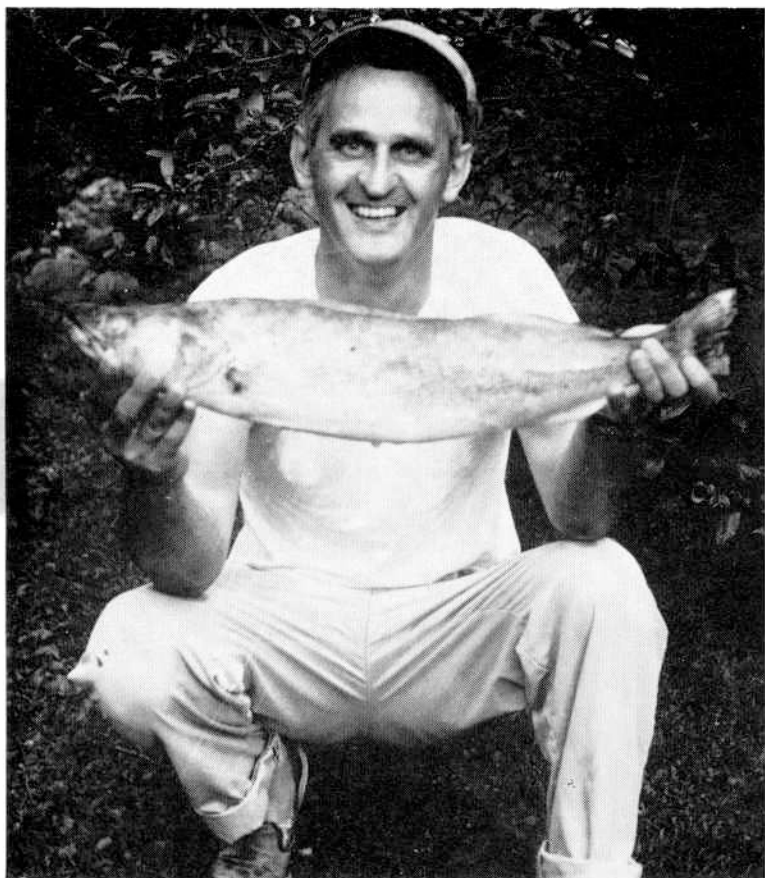
G. G. Kelley will conduct this week's Thernuclear Division seminar. His subject will be "Progress in Production of Intense Ion Beams."

The seminar is scheduled for Thursday, June 17, at 9 a.m. in the TD Conference Room, Building 9201-2.

## SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
45 Days Or  
1,283,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through June 13  
Phone 3-7755  
For Daily Report  
On Accident-Free Hours





**EDDIE ROBERTS JR.**, Radiation Safety, says this wall-eyed pike met its demise via an artificial lure. The handsome specimen fell to Eddie's bait recently in Center Hill Lake. The weight can't be told, but as you can see it's a good'un.

## Cowan, Levey Take Tennis Early Lead

The Tennis League breezed into its second week of action with Jack Cowan and Ralph Levey assuming the leading roles. Bob Hobbs and Bill Akers also sport a no-loss record, with one win.

Cowan defeated Evelyn Clark 6-1, 6-0 . . . Levey took Max Scott 6-0, 6-2. Akers took two from Clark 6-0, 6-0.

Standings in last week's Bulletin reverted to the old system of scoring which is not in effect this year.

Player	W	L
Jack Cowan	2	0
Ralph Levey	2	0
Bob Hobbs	1	0
Bill Akers	1	0
Max Scott	1	1
J. E. Harrell	0	1
Campbell King	0	1
J. W. Cooke	0	1
Bob Bass	0	1
Evelyn Clark	0	2
Roy Huddleston	0	0
John Pridgeon	0	0

## Shifters Report June 5 Rodeo

E, F, G, H and J Shifts report a successful fishing rodeo on Norris Lake Saturday, June 5. A total of 75 eager anglers hit the water at Star Light Dock bright and early.

In the winning circle were David Sampson, B. E. Burdette, and Cecil Hubbard (in that order) in the largemouth bass class. Taking smallmouth prizes were F. D. Marlar, F. Irwin and J. A. Braden. Braden also took the dock prize. The two winners in the wall-eyed class were B. R. Sample and A. V. Bile.

Elbert Scott and Bob Waldrop took the largest bream prize. G. Lankford took the biggest crappie. B. A. Murr won in the red-eye class, and C. Waldrop took the largest striped bass. Rough fishing was Paul Trent, who won in that division.

The shifters rest now from their busy schedule . . . until their watermelon slicing, planned for the latter part of July.

## Leonard-Gray Are Horseshoe Leaders

Horseshoe League action came on thick and fast last week. League-leaders Bob Leonard and Tip Gray took five from Harrison Raper and Joe Tinley. Raper-Tinley took nine for forfeit from the Harness-Tillery duet.

Frank Zupan and Avery Kendig won five of nine from Loyd Wyatt and Bob Lucke. Incomplete matches were also recorded during the week.

League standings follow:

Players	W	L
Leonard-Gray	14	4
Raper-Tinley	13	5
Clark-Wagner	9	0
Zupan-Kendig	9	9
Gallman-Helms	6	12
Barger-Luckett	5	4
Wyatt-Lucke	4	14
Harness-Tillery	3	15

Security must be a daily concern.

## Two Softball Teams Fall From Top Rank

### Only Isotopes Reactor Now In Charmed Circle

ORNL's Isotopes Reactor team remains the only undefeated team in the Softball League, thus far.

The I-R team won the initial game of last week 28 to 11 at the expense of the K-25 Instrument team. Sam Ewing zeroed two homers, Adair, Tidwell, Kress, Moore and Alton all had one each.

Y-12's Braves downed the Mets in Monday's second game, 18 to 9. Ray Riggs and Rick Hull had homers . . . Culton a triple. Roy Scates pitched for the winning team, giving up 14 hits.

Plant and Equipment took Y-12's Nucons 15 to 10 in final play Monday. Jack Anderson pitched to Ed Hickman for the losing Y-12 team.

Instrumentation and Control began Tuesday's play by downing the K-25 Mets 13 to 10. Henderson homered for the losers, Steffy for the winners.

### Bat Boys Win Big

Y-12's Bat Boys took a big one from the Bums Tuesday 34 to 3. Al Stanton, Jim Turner and Joe Mason had big ones for the winning squad. Abele, Hopkins, Evans, Turner and Mason also tripled.

The Apprentices trimmed Y-12's Teds in Tuesday's final game, 26 to 10. Brooks and Gibson had long-poled homers for the losing Teds . . . as Don Stinnett hurled to the mitt of Ted Burger.

Y-12's high-flying Eagles trumped the Stems Thursday 18 to 2. Jim Thompson poled a long homer . . . and Paul Evans gained a triple for the winning team.

The Ball Hawks took a 7 to 0 forfeit win from the Y-12 Atoms.

### Biology Loses First

The Permits gave Biology their first loss of the season Thursday, 9 to 8 in the close one. Although Biology out-hit the Permits (12 hits to 9) crossing the plate where it matters made a different story. Dick Boughner homered for the winning Permits, and Fred Hardin poled one for Biology.

### League standings follow:

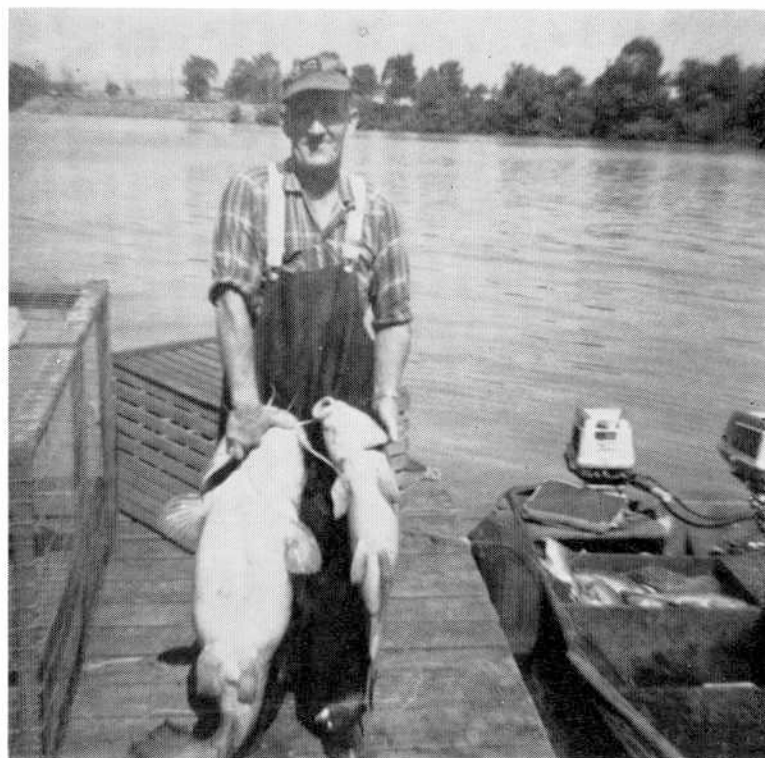
Team	W	L
Isotopes Reactor	5	0
Biology	4	1
Mets, ORNL	4	1
Plant & Equipment	4	1
Braves, Y-12	4	1
Mets, K-25	3	2
Eagles, Y-12	3	2
Bat Boys, Y-12	3	2
Ballhawks	3	2
Permits	3	2
Nucons, Y-12	2	3
K-25 Instruments	2	3
Apprentices	2	3
Instrumentation & Controls	2	3
Bums	1	4
Teds, Y-12	0	5
Stems	0	5
Atoms, Y-12	0	5

### VESTED RIGHTS

The Supreme Court may give a man the right to open his wife's letters . . . but it doesn't provide the courage.



"Shhhhhh, dear—don't say 'bachelor's degree' so loud!"



**NO, RED WASN'T** lying when he told about those monsters he caught recently (over the Memorial Day week-end) in Melton Hill. Here is D. F. "Red" Leach with the proof positive. The big yellow cat weighed 53 pounds, and the buffalo scaled in at 21 pounds. That's 74 pounds of fish the Research Services man pulled from the waters in one day!

## Last Call Is Out For Miniature Golfers

Recreation is issuing a last call for miniature golfers for play in the summer league.

If you are interested in playing the baby golf, call 3-7109 . . . and get your name and your partner's in the pot.

### LOVE THY NEIGHBOR

"I was taught when I was young that if people would only love one another, all would be well with the world. This seemed simple and very nice; but I found when I tried to put it in practice

## Archers About Half Through The Schedule

The fifth of a 12-week schedule saw the Carbide Archery League post some excellent scores. Highest for the shoot were by C. H. Hilemon, K-25, with 270; Zona Wright, also of K-25, with 268; and Ralph Clark, X-10, with 26.

The high scores in other classes were shot by X. H. Davy, X-10, 226; C. E. Miller, X-10, 195; and B. D. Holcomb, K-25, 105.

not only that other people were seldom lovable, but that I was not very lovable myself."—Shaw.

## Last Chance For Y-12ers To Enter Golf Tournament In Gatlinburg, Set June 26

Saturday week is the big day for Y-12 golfers as they stream toward Gatlinburg, June 26. The coupon below is run for the final time in the Bulletin.

Drawings will take place in Recreation next Thursday, June 24, and players will be contacted by telephone. They will be given their correct tee-off times and whether their foursome drew an electric cart or not.

The first 15 foursomes leaving

number one will go off in the carts. Carts rent for \$7 . . . or \$3.50 a player. Green fee at Gatlinburg is \$4 for the 18 holes.

Golfers are asked to be there about 20 minutes before their scheduled tee-off, so that the schedule can be observed. Late June weather should be just about right for golfing in the Smokies.

See you in Gatlinburg.

## Tee-Off and Golf Cart Application GATLINBURG GOLF TOURNAMENT

Saturday, June 26, 1965

Foursome

\_\_\_\_\_, Leader

Does your foursome wish to draw for two carts? ☐ Yes ☐ No

Golfers with carts will tee off from 6 a.m. until 8:40 a.m.

Tee-Off Time Preferred \_\_\_\_\_

Leader's plant phone number: \_\_\_\_\_

Fill in completely and return to the Recreation Office, Building 9704-2. Drawing for carts and tee-off times will be Thursday, June 24, at 8 a.m.

## Recreation



Monday, June 21

FIRST DAY OF SUMMER — And the livin' is easy.

TENNIS LEAGUE: All week, by arrangements.

SOFTBALL LEAGUE: Beginning 6 p.m. Biology vs K-25 Mets; Atoms vs Eagles; Braves vs Nucons.

Tuesday, June 22

SOFTBALL LEAGUE: Beginning 6 p.m. Nucons vs Ball Hawks; Plant and Equipment vs Braves; Bat Boys vs Isotopes Reactor.

Thursday, June 24

ARCHERY LEAGUE: 5 p.m. Oak Ridge Sportsmen's Association.

SOFTBALL LEAGUE: Beginning 6 p.m. Mets (X-10) vs Eagles; Instrumentation and Controls vs Apprentices; Stems vs Teds.



# UNION CARBIDE CORPORATION NUCLEAR DIVISION

Post Office Box Y  
Oak Ridge, Tennessee—37831

RETURN POSTAGE GUARANTEED



BULK RATE  
U. S. Postage  
**PAID**  
Oak Ridge, Tenn.  
Permit No. 71

## Oak Ridge Festival Offers Something For Everybody!

The Oak Ridge Festival, taking advantage of the balmy June weather, is in full swing.

A major event in the 1965 Festival is this week's opening of "Guys and Dolls" at Blankenship Field. Y-12ers Milt Carey and Lamar Royer are the male leads . . . and Kay Hamrick is Sarah Brown, the Mission girl. "Guys" opens Friday, June 18, and will be seen again Saturday, June 19. It will have another performance Saturday, June 26. Curtain time on the outdoor stage is 8:15 p.m. for all three performances.

Art exhibits are in full swing over town . . . from street exhibits to the halls of the Art Center. (See Arts Calendar.)

### Young Film Classic

Tomorrow, Thursday, June 17, at 10:30 a.m. and 12:30 p.m. a Children's Film Classic will be given at Jefferson Junior High School. Hayley Mills stars in Walt Disney's "Pollyanna."

The Carbide Camera Club is sponsoring an exhibit of prize-winning photographs at 335 Main Street East, Downtown.

Saturday from 11 a.m. until 6 p.m., June 26, will be the Badger Hollow Arts and Crafts Show.



During mid-June several Y-12ers observe anniversaries with Union Carbide Corporation, celebrating a cumulative 205 years company service! Congratulations.

### 20 YEARS

**John L. Waters**, Tool Engineering, June 18.

**Helen L. Hicks**, Production Assay, June 20.

**Harley R. Johnson**, Chemical Services, June 22.

### 15 YEARS

**Gerald W. Lankford**, General Estimating and Planning, June 18.

**Lamon B. Keith**, General Machine Shop, June 19.

**Willie B. Kirk Jr.**, Area Five Maintenance, June 19.

**Bill L. Miller**, Alpha Five Machine Shop, June 20.

**Daniel C. Lasley**, Salvage Department, June 22.

**William D. Newman Jr.**, General Metal Fabrication Shop, June 22.

**Hugh D. Campbell**, General Estimating and Planning, June 22.

### 10 YEARS

**Boyd W. McNutt**, Alpha Five Machine Shop, June 17.

**David H. Stephens Jr.**, Dimensional Inspection, June 18.

**Ray F. Wilson**, Beta Two Shop, June 18.

**Donald Branson**, General Machine Shop, June 18.

The exhibit will also include "for sale" items.

### Coffee Entertainment

Tomorrow night, Thursday, June 17, the Coffee House will feature the SPEBSQSA Quartet (Barbershop, of course) and the Three of Us. Between performances Libby Galloway will perform on the piano. That's at the Holiday Inn, beginning at 8 p.m.

Next Tuesday, June 26, youngsters may get a glance of how movies were once made . . . as the Film Classics will present Bette Davis and Leslie Howard in "The Petrified Forest." Humphrey Bogart is also featured in the Anderson classic. Aaron Copeland's "Appalachian Spring" is included as an art extra at the Tuesday classic. That's at 8 p.m. Tuesday, at Jefferson Junior High School. If you haven't seen "The Petrified Forest" you haven't seen Davis-Bogart-Howard at their very best.

Whatever your cup of tea, the Fifth Annual Oak Ridge Festival has it. Be it coffee music, great films, musical extravaganzas, art exhibits, crafts displays . . . you name it.

Cooperating organizations in the Festival include the Oak Ridge Civic Music Association, Oak Ridge Community Art Center, Oak Ridge Community Playhouse, Oak Ridge Cosmopolitan Club, Oak Ridge Junior Chamber of Commerce and the Technical Societies Joint Council.

Busy week, eh?

## Arts Calendar

June 17 — CHILDREN'S FILM CLASSIC: Hayley Mills in "Pollyanna." 10:30 a.m., 12:30 p.m. Jefferson Junior High Gym. \$25.

June 17—COFFEE HOUSE: Holiday Inn, 8 p.m. The Dignitaries (Barbershop Quartet) and Three of Us (Oak Ridge trio); Libby Galloway at the piano between performances. \$1.

June 18-19 — MUSICAL COMEDY: "Guys and Dolls," Blankenship Field, 8:15 p.m. Adults \$2.50, students \$1.50.

June 18-21 — PHOTOGRAPHIC EXHIBIT: Photographic salon sponsored by Carbide Camera Club. Galley open at 335 East Main Street. No charge.

June 19 — ART EXHIBIT: Outdoor Young Artists' Show, 11 a.m. to 6 p.m. Art Center. No charge.

June 20-21 thru 25 — ART EXHIBIT: "Cross Section of Contemporary Art." Art Center 3-6 p.m. June 20, 9 a.m. to 12:30 p.m. and 2-4 p.m. June 21-25. \$50.

June 22—FILM CLASSIC: Leslie Howard and Bette Davis, "The Petrified Forest." 8 p.m. Jefferson Junior High School. (Also "Appalachian Spring.")

## Utility Services

Continued from Page 1  
the P.A. system within minutes.

In addition to the area supervisors and Utility foremen, there are also other personnel in the department who, directed by the area supervisors, handle special problems concerning operation and maintenance and co-ordinate shut-downs, etc. with various contractors in installation of new equipment or facilities. Performing these duties in the East Area are D. E. Bell, C. H. Jarvis and J. L. Finchum; in the West Area and Steam Plant, A. H. Norman and T. E. Barnes.

### Maintain Air Filters

Other services provided by the Utilities Department are the continuous replacement and installation of air filters, whether in an individual air conditioning unit or in a host of filters in a large system. These filters, of every size and description, large or small, dust stops to absolute filters, are used to filter air or even such things as to remove smoke and dust particles too small to be seen by the naked eye. Directing the service operators associated with this service is H. B. Davis.

Working with all groups in Utilities, J. R. DeMonbrun, Utilities Engineer, is concerned with investigation of special problems, new operations and engineering co-ordination. He acts as a special advisor on water treatment procedures, cost reduction analyses, and investigation of new methods for improving operation. New methods have been developed which have resulted in improved Utilities services, improved methods of operation for other divisions in the plant and other groups outside the plant associated with AEC facilities.

To sum it up, the Utilities Department is ready and willing to provide any service within its capabilities. If no one else will do it, Utilities would like to try.



Ride wanted from Concord to North Portal, straight day. George Windle, plant phone 3-7027, home phone Knoxville 966-2403.

Ride wanted from Garden Apartments (or will join car pool) to Biology or North Portal, straight day. David Hoel, plant phone 3-7114.

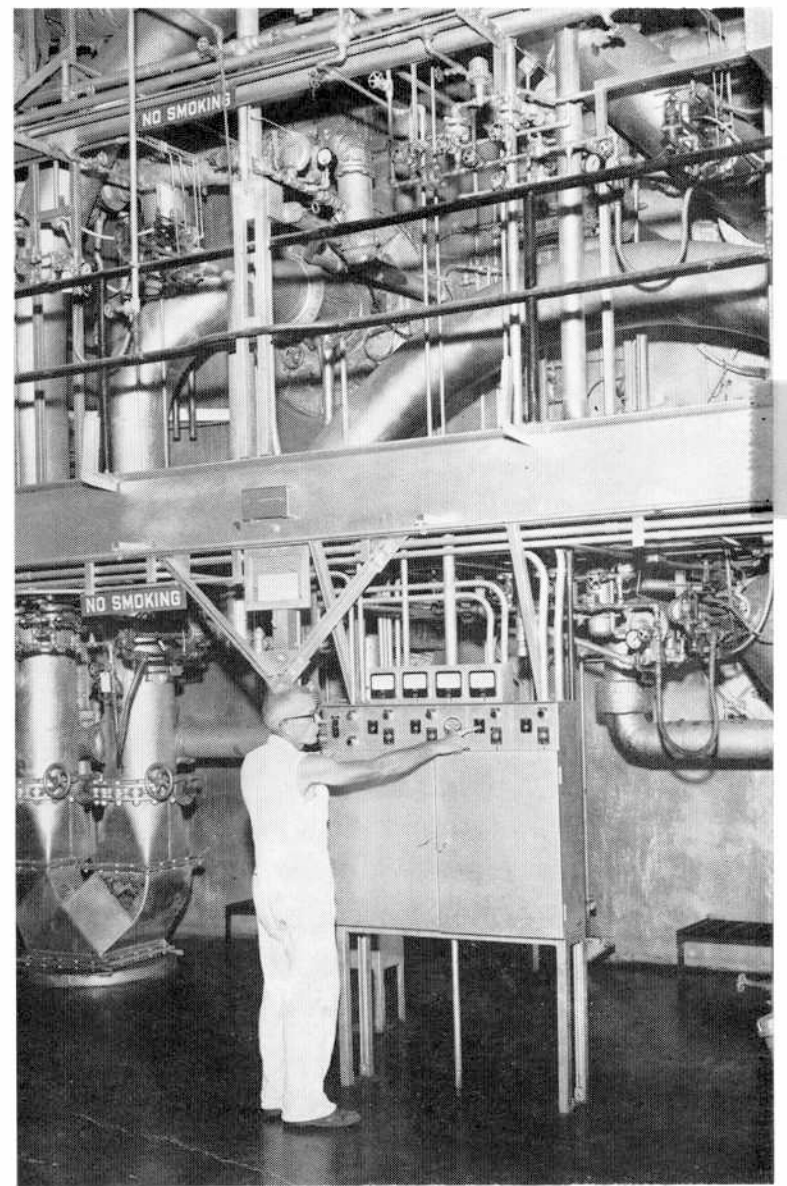
Two riders wanted from Rockwood or Midtown to any portal, straight day. E. S. Smith, plant phone 3-5663, home phone Rockwood 354-0050.

Ride wanted from 190 Hillside Road, Oak Ridge, to Biology Portal, straight day. Charlotte Montgomery, plant phone 3-7114, home phone Oak Ridge 483-7996.

Ride wanted from Loveil Road, Interstate 40, to North or East Portal, straight day. H. B. Whitmore, plant phone 3-5761.

### Paige Gave Timely Advice To His Fans

One of baseball's immortals, Satchel Paige once gave this timely advice: "Avoid fried meats which angry up the blood. If your stomach disputes you, lie down and pacify it with cool thoughts. Keep the juices flowing by jangling around gently as you move. Go very light on the vices. And, finally, don't look back. Something may be gaining on you."



K. H. WRIGHT, STEAM PLANT OPERATOR, is here firing up one of the steam boilers. This 1,000,000 pounds steam per hour capacity boiler complex provides the steam required throughout the plant for various processes, heating and ventilating systems and temperature controlled areas.

6-12608



J. H. COPELAND, Filter Service Operator Assistant, inspects the frames of a bank of absolute filters in a "White" room supply system. This type of filter provides the utmost in clean air.

## One-Time Carbon Ribbons -- Hazard

Security says there are potential hazards in the use of electric typewriter one-time carbon ribbons. They contain in legible form the complete text of the document that has been typed!

You might remember that the next time you peck out a classified piece of information. The ribbon carefully is storing the information in the spool to your left.

Segments of one-time carbon ribbons which have been used to prepare classified documents should be removed at the end of the workday and placed in classified waste containers or otherwise secured.

Now is the time for all secur-

## Office Can Provide Causes For Accidents

Be alert to office hazards!

Opened files and desk drawers can cause falls and/or cuts bruises from accidental contact. Poor locations of fans, file baskets and the like can be easily dislodged to fall on legs and feet. Locate such articles where they cannot fall.

Extension cords across floor area are another source of tripping and falling accidents. Keep cords out of aisles and other traveled areas.

ity - minded typists to destroy those one-time ribbons after they have been used!

It is always time for security.